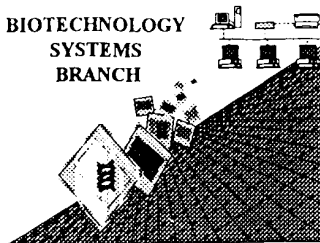


BIOTECHNOLOGY
SYSTEMS
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RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/029,345
Source: 01P2
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PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002
 TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt
 Output Set: N:\CRF3\01152002\J029345.raw

PP. 2-5

3 <110> APPLICANT: Bristol-Myers Squibb Company
 5 <120> TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL HUMAN PHOSPHATASES
 7 <130> FILE REFERENCE: D0072.NP
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/029,345
 C--> 9 <141> CURRENT FILING DATE: 2001-12-20
 9 <150> PRIOR APPLICATION NUMBER: US 60/256,868
 10 <151> PRIOR FILING DATE: 2000-12-20
 12 <150> PRIOR APPLICATION NUMBER: US 60/280,186
 13 <151> PRIOR FILING DATE: 2001-03-30
 15 <150> PRIOR APPLICATION NUMBER: US 60/287,735
 16 <151> PRIOR FILING DATE: 2001-05-01
 18 <150> PRIOR APPLICATION NUMBER: US 60/295,848
 19 <151> PRIOR FILING DATE: 2001-06-05
 21 <150> PRIOR APPLICATION NUMBER: US 60/300,465
 22 <151> PRIOR FILING DATE: 2001-06-25
 24 <160> NUMBER OF SEQ ID NOS: 208
 26 <170> SOFTWARE: PatentIn version 3.0
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 144
 30 <212> TYPE: DNA
 31 <213> ORGANISM: HOMO SAPIENS
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 38 catgcagggc ttggtcgaac aggt 144
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 48
 43 <212> TYPE: PRT
 44 <213> ORGANISM: HOMO SAPIENS
 46 <400> SEQUENCE: 2
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 49 1 5 10 15
 51 Leu Thr Thr Ile Leu Asp Met Val Lys Val Met Thr Phe Ala Leu Gln
 52 20 25 30
 54 Glu Gly Lys Val Ala Ile His Cys His Ala Gly Leu Gly Arg Thr Gly
 55 35 40 45
 57 <210> SEQ ID NO: 3
 58 <211> LENGTH: 33
 59 <212> TYPE: DNA
 60 <213> ORGANISM: HOMO SAPIENS
 62 <400> SEQUENCE: 3
 63 gatgtcttct gggccctcct gtggaacaca gtt 33
 66 <210> SEQ ID NO: 4
 67 <211> LENGTH: 11
 68 <212> TYPE: PRT
 69 <213> ORGANISM: HOMO SAPIENS
 71 <400> SEQUENCE: 4

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002

TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt

Output Set: N:\CRF3\01152002\J029345.raw

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86 gttcctgttg gacctgggcg tgcggcacct ggtgtccctg acggagcgcg ggccccctca 180
88 cagcgacagc tgccccggcc tcacctgca ccgcctgcgc atccccgact tctgcccgcg 240
90 ggcccccgac cagatcgacc gcttcgtgca gatcgtggac gaggccaacg cacggggaga 300
92 ggctgtggga gtgcactgtg ctctgggctt tggccgcact ggcaccatgc tggcctgta 360
94 cctggtgaag gaggcgggct tggctgcagg agatgccatt gctgaaatcc gacgactacg 420
96 acccgcccc atcgagacct atgagcagga gaaagcagtc ttccagttct accagcgaac 480
98 gaaataaggg gccttagtac cttctacca ggcctcact cccctcccc atgttgctga 540
100 tggggccaga gatgaaggga agtggactaa agtattaaac cctctagctc ccattggctg 600
102 aagacactga agtagcccac ccctgcaggc aggtcctgat tgaaggggag gcttgactg 660
104 ctttgttgaa taaatgagtt ttacgaacca gggaaaaaaa aaaaaaaaaa aaagaaaaaa 720
106 aaaaaaaaaa aaaaaaaaaa aaagaa 746
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110 <211> LENGTH: 248
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116 <222> LOCATION: (160)..(160) (162)..(162) see next page
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121 <221> NAME/KEY: VARIANT
122 <222> LOCATION: (200)..(200)
123 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
126 <220> FEATURE:
127 <221> NAME/KEY: VARIANT
128 <222> LOCATION: (202)..(202) (203)..(203)
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132 <220> FEATURE:
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134 <222> LOCATION: (214)..(214)
135 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
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140 <222> LOCATION: (223)..(223) (224)..(224)
141 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
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149 Pro Asn Phe Ser Trp Val Leu Pro Gly Arg Leu Ala Gly Leu Ala Leu
150          20          25          30

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002

TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt

Output Set: N:\CRF3\01152002\J029345.raw

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152 Pro Arg Leu Pro Ala His Tyr Gln Phe Leu Leu Asp Leu Gly Val Arg
153          35          40          45
155 His Leu Val Ser Leu Thr Glu Arg Gly Pro Pro His Ser Asp Ser Cys
156          50          55          60
158 Pro Gly Leu Thr Leu His Arg Leu Arg Ile Pro Asp Phe Cys Pro Pro
159 65          70          75          80
161 Ala Pro Asp Gln Ile Asp Arg Phe Val Gln Ile Val Asp Glu Ala Asn
162          85          90          95
164 Ala Arg Gly Glu Ala Val Gly Val His Cys Ala Leu Gly Phe Gly Arg
165          100          105          110
167 Thr Gly Thr Met Leu Ala Cys Tyr Leu Val Lys Glu Arg Gly Leu Ala
168          115          120          125
170 Ala Gly Asp Ala Ile Ala Glu Ile Arg Arg Leu Arg Pro Gly Pro Ile
171          130          135          140
173 Glu Thr Tyr Glu Gln Glu Lys Ala Val Phe Gln Phe Tyr Gln Arg Thr
174 145          150          155          160
W--> 176 Lys Xaa Gly Ala Leu Val Pro Phe Tyr Gln Ala Leu Thr Pro Leu Pro
177          165          170          175
179 His Val Val Asp Gly Ala Arg Asp Glu Gly Lys Trp Thr Lys Val Leu
180          180          185          190
W--> 182 Asn Pro Leu Ala Pro Ile Gly Xaa Arg His Xaa Ser Ser Pro Pro Leu
183          195          200          205
W--> 185 Gln Ala Gly Pro Asp Xaa Arg Gly Gly Leu Tyr Cys Phe Val Glu Xaa
186          210          215          220
188 Met Ser Phe Thr Asn Gln Gly Lys Lys Lys Lys Lys Lys Arg Lys Lys
189 225          230          235          240
191 Lys Lys Lys Lys Lys Lys Lys Arg
192          245
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 511
196 <212> TYPE: DNA
197 <213> ORGANISM: HOMO SAPIENS
199 <400> SEQUENCE: 7
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204 ggagttacca ccatagtaag agtatgaaaa gcaacttaca acattgctct ttagagaag      180
206 ggaagcatcc aggttccgga ctggcctttt gatgatggtg cagcaccatc cagccagata      240
208 attgataact ggttaaaact tatgaaaaat aaatttcattg aagatcctgg ttgttgatt      300
210 gcaattcact gtgttgtagg ttttgggtga gctccagttg ctagtgtccc tagctttaat      360
212 tgaaggtgga atgaaatatg aaaatgtagt acagttcattc agataaaaagt gacatggaac      420
214 ttttaacagc aaacaacttt tgtatttgga gaaatattgt cttaaaatat gcttgacact      480
216 cagaaatccc agaaataact gtttcottca g
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221 <212> TYPE: PRT
222 <213> ORGANISM: HOMO SAPIENS
224 <220> FEATURE:
225 <221> NAME/KEY: Variant
226 <222> LOCATION: (49)..(49)

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002
TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt
Output Set: N:\CRF3\01152002\J029345.raw

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231 <221> NAME/KEY: Variant
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244 <222> LOCATION: (127)..(127)
245 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
248 <220> FEATURE:

249 <221> NAME/KEY: Variant
250 <222> LOCATION: (154)..(154) (155)..(155) ←
251 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid. → what about Xaa at location 142?
254 <400> SEQUENCE: 8

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257 1 5 10
259 Val Arg Phe Leu Ile Thr His Asn Pro Thr Asn Thr Tyr Phe Asn Arg 30
260 20 25
262 Phe Leu Gln Glu Leu Lys Gln Asp Gly Val Thr Thr Ile Val Arg Val 45
263 35 40
265 Xaa Lys Ala Thr Tyr Asn Ile Ala Leu Leu Glu Lys Gly Ser Ile Gln 60
266 50 55
268 Val Pro Asp Trp Pro Phe Asp Asp Gly Thr Ala Pro Ser Ser Gln Ile 80
269 65 70 75
271 Ile Asp Asn Trp Leu Lys Leu Met Lys Asn Lys Phe His Glu Asp Pro 95
272 85 90
274 Gly Cys Cys Ile Ala Ile His Cys Val Val Gly Phe Gly Xaa Ala Pro 110
275 100 105
277 Val Ala Ser Cys Pro Ser Phe Asn Xaa Arg Trp Asn Glu Ile Xaa Lys 125
278 115 120
W--> 280 Cys Ser Thr Val His Gln Ile Lys Val Thr Trp Asn Phe Xaa Gln Gln 140
281 130 135
W--> 283 Thr Thr Phe Val Phe Gly Glu Ile Leu Ser Xaa Asn Met Leu Ala Pro 160
284 145 150 155
W--> 286 Gln Lys Ser Gln Lys Xaa Leu Phe Pro Ser 170
287 165 170

289 <210> SEQ ID NO: 9

290 <211> LENGTH: 1710

291 <212> TYPE: DNA

292 <213> ORGANISM: HOMO SAPIENS

294 <400> SEQUENCE: 9

295 ctcaggcaga actatgagggc caagagtgcct catgcgcacc aggcctttcctt tttgaaattc 60
297 gaggagctga aggaggtgag caaggagcag cccagactgg aggcctgagta ccctgccaac 120
299 accaccaaga actgttaacc acatgtgcta ccctatgacc actccagggt caggetgacc 180
301 cagctggagg gagagcctca ttctgactac atcaatgccca acttggtccc aggctacacc 240

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002
TIME: 08:07:08

Input Set : A:\D0072.NP.ST25.txt
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303 cgcacacagg agttcattgc ctctcagggg cctctcaaga aaacactgga gaacttctgg 300
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307 gggagggtgc tgtgtgagca ttactggctg accgactcta ccccggaac ccatggtcac 420
309 atcaccatcc acctcctagc tgaggagcct gaggatgagt ggaccaagcg ggaattccag 480
311 ctgcagcagc ttgtccagca acatcaacgg aggggtggagc aactgcagtt caccacctga 540
313 tccgaccaca gcatccttga ggtcccgagg cccctgctcg cctttatgga gctggtacag 600
315 tagcaggcaa gggccacca gggcggtggg cccatcctgg tgcaactgcag gggctgtccc 660
317 tgggtgtggt gcatgggccc gacaggcacc ttctgtggcc tgtcgaggct gctgcagcag 720
319 ctggaggagg agcagatggt agacgtgttc catgctgtgt atgcaactcg gatgcaccag 780
321 cccctcatga tccagaccct gagccagtac gtcttctctg acagctgcct actgaacaag 840
323 attctggaag gacccttcaa catctctgag tcttgccca tctctgtgac ggacctcccc 900
325 caggcgtgtg ccaagagggc agccagtgcc aatgctggct tcttgaagga gtacgaggcc 960
327 atcaaggacg aggctggctt ttccgacccc ccgctggct atgagcagga cagccccgtc 1020
329 tctatgacc gttctcaggg gcagttttct ccggtggagg agagccccc tgacgacatg 1080
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341 cagagactgc aatttcata cctggagcct gggcatgagc tgcccgccac caccctgtg 1440
343 ccttctctgg ctgctgtggg ccagtgtctg tctcggggca acaacaagaa gccgggcaca 1500
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368 <223> OTHER INFORMATION: wherein 'Xaa' is any amino acid.
371 <220> FEATURE:
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373 <222> LOCATION: (201)..(201)
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382 Phe Leu Lys Phe Glu Glu Leu Lys Glu Val Ser Lys Glu Gln Pro Arg
383 20 25 30
385 Leu Glu Ala Glu Tyr Pro Ala Asn Thr Thr Lys Asn Cys Xaa Pro His
386 35 40 45
388 Val Leu Pro Tyr Asp His Ser Arg Val Arg Leu Thr Gln Leu Glu Gly

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→

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/029,345

DATE: 01/15/2002

TIME: 08:07:09

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Output Set: N:\CRF3\01152002\J029345.raw

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L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
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